Dell™ Inspiron™ 300/400 Comprehensive Specifications

This document provides information that you may need when setting up, updating drivers for, and upgrading your computer.

NOTE: Offerings may vary by region. For more information regarding the configuration of your computer, click **Start** ® **Help and Support** and select the option to view information about your computer.

Regulatory Model D02U series Regulatory Type D02U001/D02U002 September 2009 Rev. A00

Processor

Computer Model	Inspiron 300	Inspiron 400
Type	Intel® Atom™	AMD Athlon™ AMD Athlon X2
L2 cache	512 KB	512 KB 1 MB
DRAM bus width	—	64 bits
External bus frequency	133 MHz	200 MHz

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Drives and Devices

Computer Model	Inspiron 300	Inspiron 400
Externally accessible	one 12.7-mm tray load for SATA DVD-ROM or DVD+/-RW Super Multi Drive	one 12.7-mm tray load for SATA DVD+/-RW Super Multi Drive or Blu-ray Disc™ combo
Communication	—	Mini PCIe WLAN

(optional)		card (802.11 b/g or 802.11 a/b/g/n)
Internally accessible	one 3.5-inch bay for SATA hard drive	one 3.5-inch bay for SATA hard drive

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Memory

Computer Model	Inspiron 300	Inspiron 400
Connectors	one	two
Minimum	1 GB	1 GB
Maximum	1 GB	8 GB
Memory type	533 MHz DDR2 UDIMM; non-ECC memory only	800 MHz DDR2 SODIMM; non-ECC memory only
Memory capacities	1 GB	1 GB, 2 GB, and 4 GB
Memory configurations possible	1 GB	1 GB, 2 GB, 3 GB, 4 GB, 6 GB, and 8 GB

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Computer Information

Computer Model	Inspiron 300	Inspiron 400
System chipset	Intel 945GC	AMD® 780G
Data bus width	64 bits	64 bits
DRAM bus width	64 bits	—
Processor address bus width	32 bits	—
Flash EEPROM	8 MB	8 MB
Memory speed	667 MHz	800 MHz

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Expansion Bus

Computer Model	Inspiron 300	Inspiron 400
SATA 2.0	1.5 Gbps and 3.0 Gbps	1.5 Gbps and 3.0 Gbps
USB 2.0	• high speed — 480 Mbps • full speed —	• high speed — 480 Mbps • full speed —

	12 Mbps - low speed — 1.2 Mbps	12 Mbps - low speed — 1.2 Mbps

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Video

Computer Model	Inspiron 300	Inspiron 400
Video	Intel UMA	*UMA:* ATI Mobility Radeon™ HD 3200 *Discrete:* ATI Mobility Radeon HD 4330 (optional)
Video memory	up to 128 MB	up to 256 MB (UMA) 512 MB DDR3 (Discrete)

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Audio

Computer Model	Inspiron 300	Inspiron 400
Audio type	integrated 2.1 channel, High Definition Audio	integrated 2.1 channel, High Definition Audio
Volume controls	software program controlled	software program controlled

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Memory Card Reader

Computer Model	Inspiron 300	Inspiron 400
Cards supported	- Secure Digital (SD) Card - Mini Secure Digital Card - Micro SD Card - Secure Digital High Capacity (SDHC) Card	- Secure Digital (SD) Card - Mini Secure Digital Card - Micro SD Card - Secure Digital High Capacity (SDHC) Card

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System Board Connectors

Computer Model	Inspiron 300	Inspiron 400
Memory	one 240-pin connector	two 200-pin connectors
Chassis fan	one 4-pin connector	one 4-pin connector
Graphic fan	—	one 4-pin connector
SATA	two 7-pin connectors	two 7-pin connectors

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External Connectors

Computer Model	Inspiron 300	Inspiron 400
Front Panel Connectors		
USB	two USB 2.0-compliant connectors	two USB 2.0-compliant connectors
Audio	one headphone connector	one headphone connector
Memory card reader	one 4-in-1 memory card reader	one 4-in-1 memory card reader
Back Panel Connectors		
Network adapter	one RJ45 connector (10/100)	one RJ45 connector(10/100/1000)
USB	two USB 2.0-compliant connectors	two USB 2.0-compliant connectors
Audio	one microphone connector one line-out connector	one microphone connector one line-out connector
Video	one VGA connector	one VGA connector one HDMI connector
Power	one AC adapter connector	one AC adapter connector
eSATA	—	two connectors

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Battery

Computer Model	Inspiron 300	Inspiron 400

Coin-cell battery	3-V CR2032 lithium coin cell	3-V CR2032 lithium coin cell

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Physical

Computer Model	Inspiron 300	Inspiron 400
Height	197.6 mm (7.77 inches)	197.6 mm (7.77 inches)
Width	197.6 mm (7.77 inches)	197.6 mm (7.77 inches)
Depth	89 mm (3.50 inches)	89 mm (3.50 inches)
Weight (without AC adapter)	1.6 kg (3.53 lb)	2.0 kg (4.41 lb)

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AC Adapter

Computer Model	Inspiron 300	Inspiron 400
AC Adapter (65 W)		
Input voltage	100-240 VAC	100-240 VAC
Input current	1.7 A	1.7 A
Input frequency	50–60 Hz	50–60 Hz
Output power	65 W	65 W
Output current	3.42 A	3.42 A
Rated output voltage	19 +/- 0.95 VDC	19 +/- 0.95 VDC
Dimensions:		
Height	31.5 mm (1.24 inches)	31.5 mm (1.24 inches)
Width	45.5 mm (1.79 inches)	45.5 mm (1.79 inches)
Depth	108 mm (4.25 inches)	108 mm (4.25 inches)
Weight (without AC adapter)	0.25 kg (0.55 lb)	0.25 kg (0.55 lb)
Weight (Auto-Air adapter without AC/DC cord)	0.26 kg (0.57 lb)	0.26 kg (0.57 lb)
AC Adapter (75 W) **NOTE: The 75 W AC adapter is shipped with the discrete graphics card.**		
Input voltage	—	100-240 VAC
Input current	—	1.5 A

Input frequency	—	50–60 Hz
Output power	—	75 W
Output current	—	3.95 A
Rated output voltage	—	19 +/- 0.95 VDC
Dimensions:		
Height	—	30.3 mm (1.19 inches)
Width	—	57.0 mm (2.24 inches)
Depth	—	132.5 mm (5.21 inches)
Weight (without AC adapter)	—	0.45 kg (0.99 lb)
Weight (Auto-Air adapter without AC/DC cord)	—	0.46 kg (1.01 lb)

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Computer Environment

Temperature range:	
Operating	10°C to 35°C (50°F to 95°F)
Storage	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum)	20% to 80% RH (non-condensing)
Maximum vibration (using a random-vibration spectrum that simulates user environment):	
Operating	5 to 350 Hz at 0.0002 G2/Hz
Storage	5 to 500 Hz at 0.001 to 0.01 G2/Hz
Maximum shock (measured with hard drive in head-parked position and a 2-ms half-sine pulse):	
Operating	40 G +/- 5% with pulse duration of 2 msec +/- 10% (equivalent to 20 in/sec [51 cm/sec])
Storage	105 G +/- 5% with pulse duration of 2 msec +/- 10% (equivalent to 50 in/sec [127 cm/sec])
Altitude (maximum):	
Operating	-15.2 to 3048 m (-50 to 10,000 ft)
Storage	-15.2 to 10,668 m (-50 to 35,000 ft)

Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985

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